

SR 520: I-405 (Bellevue) to Lake Sammamish Parkway (Redmond) – Average Weekday

Corridor Performance

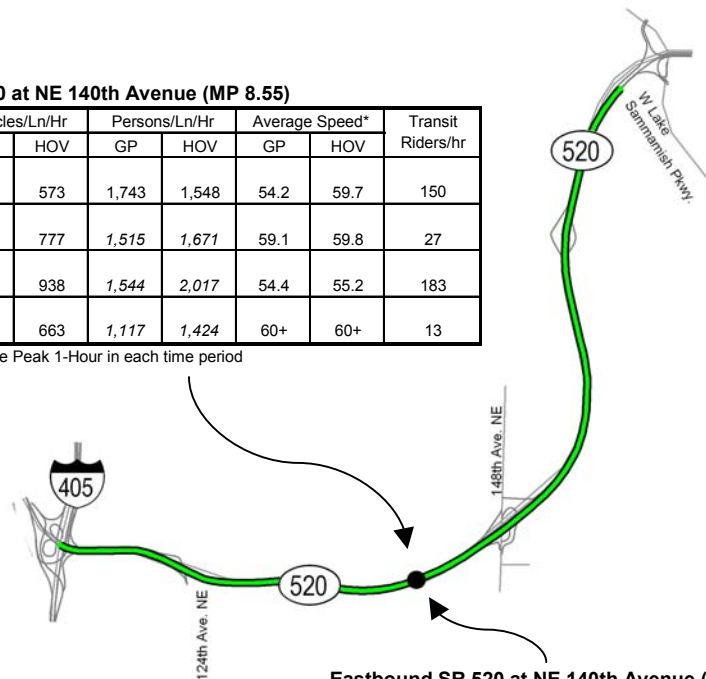
- The general purpose lanes experience heavy volumes in both directions during the AM and PM peaks and through the midday. Average general purpose lane speeds are below the posted limit during the peaks but are at or near the posted limit midday and at night.
- The HOV lanes show a slight reverse peak orientation with higher volumes eastbound in the AM peak and westbound in the PM peak. Average HOV lane speeds are close to the posted limit in all time periods. During the AM peak HOV lane person throughput is nearly equal to average general purpose lane throughput. In the PM peak HOV lane throughput is nearly a thousand people per hour higher than the general purpose lane average.
- Transit ridership is concentrated in the peak periods. Eastbound and westbound transit ridership is comparable, reflecting the bi-directional commute pattern found in this corridor.



Westbound SR 520 at NE 140th Avenue (MP 8.55)

Time Period	Vehicles/Ln/Hr		Persons/Ln/Hr		Average Speed*		Transit Riders/hr
	GP	HOV	GP	HOV	GP	HOV	
AM Peak 6AM-9AM	1,490	573	1,743	1,548	54.2	59.7	150
Midday 9AM-3PM	1,241	777	1,515	1,671	59.1	59.8	27
PM Peak 3PM-7PM	1,266	938	1,544	2,017	54.4	55.2	183
Night 7PM-10PM	916	663	1,117	1,424	60+	60+	13

*Average Speed is for the Peak 1-Hour in each time period



Eastbound SR 520 at NE 140th Avenue (MP 8.55)

Time Period	Vehicles/Ln/Hr		Persons/Ln/Hr		Average Speed*		Transit Riders/hr
	GP	HOV	GP	HOV	GP	HOV	
AM Peak 6AM-9AM	1,402	1,030	1,711	2,215	58.8	60+	207
Midday 9AM-3PM	1,306	972	1,594	2,089	60+	59.9	15
PM Peak 3PM-7PM	1,388	963	1,666	2,601	58.5	59.8	138
Night 7PM-10PM	793	585	967	1,257	60+	60+	31

*Average Speed is for the Peak 1-Hour in each time period